

Dr. Freddy Khoury

After obtaining a BSc.(Hons) and a PhD at the University of Leeds (UK), Dr. Khoury went to work in the R&D labs of British Nylon Spinners (1956-1957) in the UK. Toward the end of 1956, he immigrated to the U.S. having been offered a job at Fabric Research Labs (in Dedham Mass.), a well established industrial R&D and consulting lab serving the fiber manufacturing and textile industries (1957-1959). He subsequently joined the Physics Group at the American Viscose Corporation (Marcus Hook, PA) where he remained for five years including time at its subsidiary (joint with Sun Oil) the Avisun Corporation (1959-1963). [He then joined the Polymer Physics Section of the Polymers Division at the National Bureau of Standards \(and subsequently NIST\) in 1963 where he spent the next thirty years, retiring in 1992 but retaining an affiliation with the Polymers Division since then. He received the Department of Commerce Bronze medal in 1980.](#) Since 2002, Dr. Khoury has been with the National Science Foundation as an "expert" part time with the Polymers Program in the Division of Materials Research. He was appointed a Research Professor in the College of Polymer Science and Engineering of the University of Akron in 2008. Dr. Khoury is a Fellow of the American Physical Society.



The overall focus of Dr. Khoury's research during seven years in industry and thirty with the U.S. government has been on the nature and interrelationships between the diversity of crystallization habits exhibited by synthetic polymers crystallized from solution and the melt under quiescent conditions. In essence, the emphasis has been on the interrelationships between the varieties of habits ranging in increasing complexity from lamellar single crystals, through axillitic/hedritic habits to spherulites.